UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 42P18772 (maximum 12 characters) First Named Inventor: Patrick D. Boyd

Title: SEMICONDUCTOR PACKAGE SECURITY FEATURES USING THERMOCHROMATIC INKS AND THREE-DIMENSIONAL IDENTIFICATION CODING

Express Mail Label No.: EV 409 356 855 US

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APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.				
1.	X	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)		
2.		Applicant Claims Small Entity Status. (37 CFR 1.27)		
3.	<u>X</u>	Specification (Total Pages26 - including Title page & Abstract) (preferred arrangement set forth below) - Descriptive Title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure		
4.	<u>_x</u> _	Drawings(s) (35 USC 113) (Total Sheets 9)		
5.	<u>x</u>	Oath or Declaration (Total Pages <u>4</u>)		
		a. X Newly Executed (Original or Copy)		
		b Copy from a Prior Application (37 CFR 1.63(d)) (for Continuation/Divisional with Box 18 completed)		
		i. <u>DELETIONS OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		
		c Unsigned.		
6.	Application Data Sheet. (37 CFR 1.76)			
7.		CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)		
8.	a	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) Computer Readable Form (CRF)		
	b	_ Specification Sequence Listing on: iCD-ROM or CD-R (2 copies); or ii paper		
	c	_ Statements verifying identity of above copies		

ACCOMPANYING APPLICATION PARTS				
9. X 10.	Assignment Papers (cover sheet & documents(s)) a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)			
	b. Power of Attorney			
11	English Translation Document (if applicable)			
12	a. Information Disclosure Statement (IDS)/PTO-1449 (or PTO/SB/08)			
	b. Copies of IDS Citations			
13	Preliminary Amendment			
14. <u>X</u>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)			
15	Certified Copy of Priority Document(s) (if foreign priority is claimed)			
16	Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.			
17A	Claim for Foreign Priority			
17B. <u>X</u>	Other: Certificate of Express Mail with copy of itemized postcard.			
Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title (e.g., by way of preliminary amendment), or in an Application Data Sheet Under 37 C.F.R. 1.76:				
Continuation Of Prior Application No.: (which is acontinuation/divisional/CIP of prior application no, which is acontinuation/divisional/CIP of prior application no, (List entire chain of priority)				
For CONTINUAT an oath or decla continuation or	so include a Preliminary Amendment to amend the specification to claim priority. TON AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which tration is supplied under Box 5b, is considered a part of the disclosure of the accompanying divisional application and is hereby incorporated by reference. The incorporation can only when a portion has been inadvertently omitted from the submitted application parts.			
19. Correspondence Address				
X_ Custom	er Number or Bar Code Label 08791 (Insert Customer No. or Attach Bar Code Label			
NAME N	oondence Address Below //ichael A. Bernadicou			
ADDRESS 1	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 Wilshire Boulevard Seventh Floor			
CITY <u>Los Angel</u> Country <u>U.S</u>	es STATE California ZIP CODE 90025			
Name (PRINT/TYPE): Suk 3. Lee Registration No.: 47,745				
Signature:	Date: March 31, 2004			

FEE TRANSMITTAL FOR FY 2004 (FY 2004 Begins 10/01/2003) TOTAL AMOUNT OF PAYMENT (\$) 1162.00 Complete if Known: Not yet assigned Application No. Filing Date Herewith (3/31/2004) First Named Inventor Patrick D. Boyd Examiner Name Not yet assigned Art Unit Not yet assigned Attorney Docket No. __ 42P18772 Applicant claims small entity status. See 37 CFR 1.27. **METHOD OF PAYMENT** (check all that apply) X Check ____ Credit Card Money Order ____Other X Deposit Account Deposit Account Number: 02-2666 **Deposit Account Name:** The Director is Authorized to do the following with respect to the above-identified Deposit Account: Charge fee(s) indicated below. Credit any overpayments. Charge any additional fees during the pendency of this application. Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged. Charge fee(s) indicated below except for the filing fee. **FEE CALCULATION** 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) **Fee Description** Fee Paid 1001 770 2001 385 Utility application filing fee 770.00 1002 340 2002 170 Design application filing fee 1003 530 2003 Plant filing fee 265 1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional application filing fee SUBTOTAL (1) \$ 770.00 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from **Extra Claims** below Fee Paid Total Claims - 20** = **X** \$18.00 180.00 Independent Claims 5 **X** \$86.00 172.00 Multiple Dependent **Or number previously paid, if greater; For Reissues, see below. Large Entity Small Entity Fee Fee Fee Fee Code Code **Fee Description** (\$) (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) \$ 352.00

FEE CALCULATION (continued) 3. ADDITIONAL FEES **Large Entity Small Entity** Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid 1051 130 2051 Surcharge - late filing fee or oath 65 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet 1053 130 1053 130 Non-English specification 1812 2,520 2.520 For filing a request for ex parte reexamination 1812 1813 8,800 8,800 Request for inter parties reexamination 1813 1804 920* 1804 920* Requesting publication of SIR prior to Examiner action 1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action 1251 110 2251 55 Extension for reply within first month 2252 Extension for reply within second month 1252 420 210 950 2253 475 Extension for reply within third month 1253 1,480 2254 740 Extension for reply within fourth month 1254 Extension for reply within fifth month 1255 2,010 2255 1.005 1401 330 2401 165 Notice of Appeal Filing a brief in support of an appeal 1402 330 2402 165 1403 290 2403 145 Request for oral hearing Petition to institute a public use proceeding 1451 1.510 1451 1.510 1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1460 130 1460 130 **Petitions to the Commissioner** 1807 50 Processing fee under 37 CFR 1.17(q) 1807 50 1806 180 1806 180 **Submission of Information Disclosure Stmt** Recording each patent assignment per 8021 40 8021 40. property (times number of properties) 40.00 1809 770 385 2809 For filing a submission after final rejection (see 37 CFR 1.129(a)) 1814 110 55 2814 Statutory Disclaimer 1810 770 2810 385 For each additional invention to be examined (see 37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application 1504 300 1504 300 Publication fee for early, voluntary, or normal pub. 1505 300 1505 300 Publication fee for republication Request for voluntary publication or republication 1803 130 1803 130 Processing fee under 37 CFR 1.17(i) (except provisionals) 1808 1808 130 130 Acceptance of unintentionally delayed claim for priority _ 1454 1454 1,330 1,330 Other fee (specify) _ Other fee (specify) __ SUBTOTAL (3) \$ 40.00 *Reduced by Basic Filing Fee Paid SUBMITTED BY: Typed or Printed Name Suk S. Lee **Date:** March 31, 2004 Signature: Reg. Number: 47,745 Telephone Number: (408) 720-8300

Application No.: Not yet Filing/Issue Da	ate: Herewith Docket No.: 042390.P18772				
assigned Date Mailed: 03-31-2004 Due Date	e(s): N/A N/A				
Client: Intel Corporation	Atty/Sec: MAB/SSL/den				
Title: SEMICONDUCTOR PACKAGE SECURITY	FEATURES USING THERMOCHROMATIC INKS AND				
THREE-DIMENSIONAL IDENTIFICATION CODING					
First Named Inventor: Patrick D. Boyd The following has been received in the U.S.P.T.O. on the date stamped hereon:					
Express Mail No. EV 409 356 855 US	Amendment (pgs.)				
□ Utility Transmittal Letter □ Utility Transmittal Le	Application amended to Reflect Claim of Priority				
Fee Transmittal (original & copy)	Declaration & POA (4 pgs.) Signed				
□ Nonpublication Request	Assignment & Cover Sheet (3 pgs.)				
Petition for Extension of Time:	☐ Information Disclosure Statement & PTO/SB/08				
Application Type: Utility	(pgs.) (previously 1449)				
(_26 pages including cover & abstract)	☐ Check No. <u>63821</u> Amount <u>\$ 1122.00</u>				
Transmittal of Formal Drawings	Check No. 63822 Amount \$ 40.00				
Drawings: (9) sheets, (20) figures					
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